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of Steel under Alternating Stresses.

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2 The Relationships Between the Heat of Formation,
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THE ACTION OF CARBON AS A REDUCING AGENT
IN THE REACTIONS OF THE STEELMAKING PROC-
ESSES WITH ACID SLAGS. [Aug 47] 45p. 10 refs.
Order from SLA mi\$3.30, ph\$7.80 60-18856

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Dusseldorf. Mitteilungen (Germany) 1935, v. 17,
no. 4, p. 39-61.

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60-18856

1. Steel--Production
 2. Carbon--Metallurgical effects
 3. Slags--Applications
- I. Körber, F.
 - II. Olsen, W.

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Stahl Und Eisen, vol. 60, 3 diagrams, 1600 words;
1940.

Further Development of Hydraulic Tilting Mechanism
for Converters.

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A-5799

Production of Demineralised Water by Means of the
E-15 Mixed Bed Total Salt Extraction Installation
(Theodor Christ, Basel, by G. Korber, 20 pp.

GERMAN, per, Die Krankenhaus-Apotheke, Vol X,
No 4, 1960, pp 25-28. 9207236

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232,215

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62-18988

Körhl, J. and Blabolil, K.
MICRODETERMINATION OF CARBON AND HYDROGEN.
Pt. 4 of Analytical Applications of Silver Permanganate.
14 Aug 62 [6]p. 7 refs.
Order from SLA \$1.10

62-18988

Trans. of [Sbornik Chekhoslovatskykh Khimicheskikh
Rabot] 1956, v. 21, p. 318-320.

DESCRIPTORS: *Microanalysis, *Carbon, *Hydrogen,
Organic compounds, Silver compounds, Permanganates,
Catalysts, Absorption, Halogens, Sulfur, Reaction
kinetics.

The short catalytic combustion-tube filling, with some
modifications, was used for the microdetermination of
carbon and hydrogen in organic compounds. (Author)

(Chemistry--Analytical, TT, V. 10, no. 1)

I. Körhl, J.
II. Blabolil, K.
III. Title: Analytical ...

62-18988

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Kürbi, J. and Příbil, R.
COMPLEXOMETRIC DETERMINATION OF OXIDIZ-
ABLE SULFUR AS MANGANESE (II) SULFATE. Pt. 5
of Analytical Applications of Silver Permanganate.
9 Aug 62 [8]p. 14 refs.
Order from SLA \$1.10

62-18989

Trans. of [Sbornik Chechoslovatskykh Khimicheskikh
Rabot] 1956, v. 21, p. 322-325.

DESCRIPTORS: *Sulfur, Chemical analysis, Complex
compounds, *Manganese compounds, Sulfates, Ad-
sorbents, *Silver compounds, Permanganates.

A complexometric method for determining oxidizable
sulfur after absorption of SO_2 in the thermal decompo-
sition product of AgMnO_4 has been developed. SO_2 is
absorbed quantitatively in the form of Ag_2SO_4 and
 MnSO_4 . By reaction with H_2O_2 and MnO_2 , the Ag_2SO_4 is
converted to an equivalent amount of MnSO_4 , which is
then determined complexometrically. (Author) (See also
62-18988)

62-18989

- I. Title: Complexometric
analysis
- I. Kürbi, J.
- II. Příbil, R.
- III. Title: Analytical ...

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62-18984

Körbl, J.
PROPERTIES OF SILVER PERMANGANATE AND ITS
THERMAL DECOMPOSITION PRODUCT. Pt. 1 of
Analytical Applications of Silver Permanganate.
19 July 62 [7]p. 18 refs.
Order from SLA SL 10

62-18984

Trans. of [Sbornik Chekhoslovatskykh Khimicheskikh
Rabot] 1955, v. 20, p. 948-951.

DESCRIPTORS: Chemical analysis, *Permanganates,
*Silver compounds, Decomposition, *Pyrolysis,
Oxidation, Oxygen, Hydrogen, Catalysis.

The oxidation properties of solid silver permanganate
and the oxidation-catalytic properties and absorptivity
of its thermal decomposition product were studied
with a view to their analytical application. (Author)

(Chemistry--Analytical, TT, v. 10, no. 2)

I. Körbl, J.
II. Title: Analytical ...

Office of Technical Services

62-18987

Körbl, J.
DETERMINATION OF CARBON AND HYDROGEN
USING A SHORT CATALYTIC FILLING IN THE
COMBUSTION TUBE. Pl. 3 of Analytical Applications
of Silver Permanganate. 30 July 62 [11]p. 12 refs.
Order from SLA \$1.60 62-18987

Trans. of [Sbornik Chelchoslovatskykh Khimicheskikh
Rabot] 1955, v. 20, p. 1026-1031.

DESCRIPTORS: Chemical analysis, Combustion cham-
bers, Determination, *Carbon, *Hydrogen, *Silver
compounds, *Pyrolysis, *Permanganates, Reaction
kinetics, *Catalysts.

The semimicrodetermination of carbon and hydrogen,
using a 3.5 cm contact layer, is described. (Author)

(Chemistry--Analytical, TT, v. 10, no. 2)

I. Körbl, J.
II. Title: Analytical ...

Office of Technical Services